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AN - 1995-290211 [38]

AP - JP19930333192 19931227

CPY - ASAO

DC - E19 G04

DR - 0009-U 0247-U 0419-U 0540-U 0900-U 1017-U 1080-U 1081-U 1656-U 1688-U
1689-U 1690-U 1748-U 1753-U 1755-U 1757-U 1769-U 1772-U 1832-U

FS - CPI

IC - A01N3/02

MC - E10-A22A E10-C02A E10-C02D2 E10-C02F E10-C04D4 E10-C04J2 E31-K05D G04-B

M3 - [01] H401 H402 H481 H482 J0 J011 J012 J013 J014 J1 J171 J172 J173 M210
M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231
M232 M233 M262 M280 M281 M311 M312 M313 M314 M315 M316 M320 M321 M331
M332 M333 M334 M340 M342 M343 M344 M349 M381 M382 M391 M416 M620 M782
M903 M904 P200 Q337 R023; 9538-D0001-M

- [02] A100 A111 A119 A960 C710 H401 H402 H481 H482 J0 J011 J012 J013
J014 J1 J171 J172 J173 M210 M211 M212 M213 M214 M215 M216 M220 M221
M222 M223 M224 M225 M226 M231 M232 M233 M262 M280 M281 M311 M312 M313
M314 M315 M316 M320 M321 M331 M332 M333 M340 M342 M343 M344 M349 M381
M382 M391 M411 M510 M520 M530 M540 M620 M782 M903 M904 Q337 R023;
9538-D0002-M

- [03] F012 F013 F014 F015 F016 F019 F113 F123 F199 H4 H404 H405 H423
H424 H481 H482 H483 H484 H521 H522 H523 H8 K0 L8 L810 L821 L822 L823
L824 L831 M126 M129 M141 M149 M280 M311 M321 M322 M323 M342 M373 M391
M392 M393 M413 M510 M521 M522 M523 M530 M540 M782 M903 M904 Q337 R023;
9538-D0003-M

- [04] G010 G100 H1 H181 K0 L7 L722 M210 M211 M220 M222 M223 M224 M225
M231 M232 M233 M273 M283 M311 M321 M342 M373 M391 M414 M510 M520 M531
M540 M782 M903 M904 M910 Q337 R023; R01832-M; 1832-U

- [05] G010 G013 G100 H1 H181 H5 H541 H581 H8 K0 L7 L722 M210 M211 M220
M222 M233 M240 M273 M281 M282 M311 M312 M321 M322 M332 M342 M373 M383
M391 M392 M414 M510 M520 M532 M540 M782 M903 M904 M910 Q337 R023;
R01017-M; 1017-U

- [06] A100 A111 A119 A220 A960 B115 B701 B713 B720 B815 B831 C101 C108
C710 C802 C803 C804 C805 C807 M411 M782 M903 M904 Q337 R023;
9538-D0004-M

PA - (ASAO) ASAHI OPTICAL CO LTD

PN - JP7187902 A 19950725 DW199538 A01N3/02 004pp

PR - JP19930333192 19931227

XA - C1995-130430

XIC - A01N-003/02

AB - J07187902 A cut flower activator contg. organic acid germicide(s),
pref. citric acid, succinic acid, malic acid, tartaric acid and/or
lactic acid, and alkali metal salt(s) of inorganic weak acid or
organic acid, pref. sodium or potassium salt(s) of phosphoric acid,
carboxylic acid, acetic acid, citric acid, succinic acid, malic acid
and/or tartaric acid, as its active components, in addn., pr f. tert.
ammonium salt(s), pref. benzetonium chloride and/or benzarconium
chloride, furthermore pref. saccharides, water-soluble minerals,
calcium phosphate cpds., surfactants and/or plant hormones, is new.
- Also claimed is a cut flower activator contg., as its active
component(s), tert. ammonium salt(s), pref. above-mentioned cpd(s),

and furthermore pref. saccharides, ~~water-soluble minerals, calcium phosphate, cpds, surfactants~~ and/or plant hormones.

- USE - The new cut flower activator is useful for maintaining the freshness of cut flower.
- ADVANTAGE - The new cut flower activator of organic acid microbicides combined with tert. ammonium salts or of tert. ammonium salts alone effectively maintains the freshness of cut flower longer at lower concn. with lower or no chemical injury to the plant or toxicity to humans than conventional microbicide-based cut flower activators.
- (Dwg.0/0)

CN - 9538-D0001-M 9538-D0002-M 9538-D0003-M 9538-D0004-M R01017-M R01832-M
DRL - 1017-U 1832-U

IW - CUT FLOWER ACTIVATE CONTAIN ORGANIC ACID GERMICIDE ALKALI METAL SALT
INORGANIC WEAK ACID ORGANIC ACID

IKW - CUT FLOWER ACTIVATE CONTAIN ORGANIC ACID GERMICIDE ALKALI METAL SALT
INORGANIC WEAK ACID ORGANIC ACID

NC - 001

OPD - 1993-12-27

ORD - 1995-07-25

PAW - (ASAO) ASAHI OPTICAL CO LTD

TI - Cut flower activator - contains an organic acid germicide(s) and
alkali metal salt(s) of inorganic weak acid or organic acid